

Clinical trials of chlorthalidone

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1 hypertension

| Trial | Treatments | Patients | Trials design and methods |
|--|--|---|---------------------------------|
| chlorthalidone vs placebo | | | |
| SHEP-pilot , 1989 n=443/108 follow-up: 2.8y | chlorthalidone versus placebo | elderly participants with untreated blood pressures of greater than 160/less than 90 mm Hg | double blind |
| VA-NHLBI , 1977 n=508/504 follow-up: 1.4 y | chlorthalidone 50mg/d versus placebo | patients aged 21 to 50 years with diastolic BP between 85 to 105 mm Hg | Double aveugle USA |
| SHEP , 1991 [NCT00000514] n=2365/2371 follow-up: 4.4 y | chlorthalidone, 12.5 mg/d , chlorthalidone, 12.5 mg/d , chlorthalidone, 12.5 mg/d versus placebo | patients aged 60 years and above with Systolic BP between 160 and 219 mm Hg and diastolic BP less than 90 mm Hg | Double blind |
| SHEP (diabetic subgroup) , 1996 n=283/300 follow-up: 5 year | low dose of chlorthalidone (12.5-25.0 mg/d) with a step-up to atenolol (25.0-50.0 mg/d) or reserpine (0.05-0.10 mg/d) if needed versus placebo | men and women aged 60 years and older , non-insulin-treated diabetic (sub group) patients with isolated systolic hypertension (systolic BP \geq 160 mm Hg; diastolic BP, <90 mm Hg) | Parallel groups double-blind |
| SHEP-P (subgroup) , 1989 n=70/15 follow-up: 28y | chlorthalidone versus placebo | elderly participants with untreated blood pressures of greater than 160/less than 90 mm Hg | double-blind |
| SHEP (subgroup) , 1991 n=331/319 follow-up: 42y | chlorthalidone, 12.5 mg/d for step 1 versus placebo | patients aged 60 years and above | double blind |

More details and results :

- anti hypertensive agents for hypertension in diabetic patients at <http://www.trialresultscenter.org/go-Q10>
- anti hypertensive agents for hypertension in all type of patient at <http://www.trialresultscenter.org/go-Q13>
- anti hypertensive agents for hypertension in very ederly (80 and more) at <http://www.trialresultscenter.org/go-Q14>
- anti hypertensive agents for hypertension in uncomplicated hypertension at <http://www.trialresultscenter.org/go-Q685>

References

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SHEP-P (subgroup), 1989:

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SHEP (subgroup), 1991:

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2 diabetes type 2

| Trial | Treatments | Patients | Trials design and methods |
|---------------------------|------------|----------|---------------------------|
| chlorthalidone vs placebo | | | |

continued...

| Trial | Treatments | Patients | Trials design and methods |
|--|--|---|---------------------------------|
| SHEP (diabetic subgroup) , 1996 n=283/300 follow-up: 5 year | low dose of chlorthalidone (12.5-25.0 mg/d) with a step-up to atenolol (25.0-50.0 mg/d) or reserpine (0.05-0.10 mg/d) if needed versus placebo | men and women aged 60 years and older , non-insulin-treated diabetic (sub group) patients with isolated systolic hypertension (systolic BP \geq 160 mm Hg; diastolic BP, <90 mm Hg) | Parallel groups double-blind |

More details and results :

- anti hypertensive agents for diabetes type 2 in patients with hypertension at <http://www.trialresultscenter.org/go-Q83>
- anti hypertensive agents for diabetes type 2 in patients with or without hypertension at <http://www.trialresultscenter.org/go-Q414>

References

SHEP (diabetic subgroup), 1996:

Curb JD, Pressel SL, Cutler JA, Savage PJ, Applegate WB, Black H, Camel G, Davis BR, Frost PH, Gonzalez N, Guthrie G, Oberman A, Rutan GH, Stamler J. Effect of diuretic-based antihypertensive treatment on cardiovascular disease risk in older diabetic patients with isolated systolic hypertension. Systolic Hypertension in the Elderly Program Cooperative Research Group. JAMA 1996;276:1886-92 [[8968014](#)]

Entry terms: Chlortalidone, Phthalamudine, Chlorphthalidolone, Oxodoline, Thalitone, Hygroton,